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(54) CUP HOLDER DEVICE

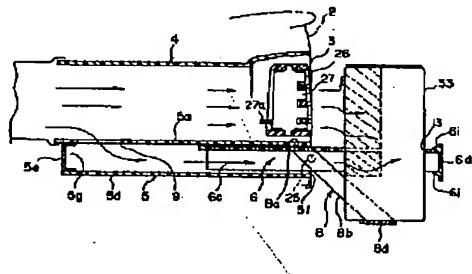
over a wide range of the vessel 33.

(57) Abstract:

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PROBLEM TO BE SOLVED: To sufficiently reserve cold and reserve heat of a drink in a vessel by arranging a communicating port to communicate the inside of a housing case and the inside of an air blowing passage with each other, and blowing off at least a part of cold and hot air supplied inside the air blowing passage from an opening part of the housing case.

SOLUTION: A part of cold and hot air supplied inside a ventilator housing 4 from an air conditioner is sent inside a housing case 5 through a communicating port 9, and is blown off in a cabin from an opening part of the housing case 5. When a vessel 33 such as a drink can is housed in vessel housing holes 13 and 13 of a holder plate 6, this vessel 33 is positioned in the air blowing direction of a center register 3, and cold and hot air blown off from this center register 3 come to strike on an upper part of the vessel 33. Cold and hot air blown off from the opening part 5f of the housing case 5 do not strike on it by being intercepted by a plate part of the holder plate 6, and strikes on a lower part of the vessel 33. Therefore, the cold and hot air can be blown



ルダプレートの突起部上に乗り上げた状態を示す図である。

【図9】本発明の第三の実施の形態を示す図3と同様な図面である。

【図10】(1)従来のカップホルダ装置を示す斜視図である。

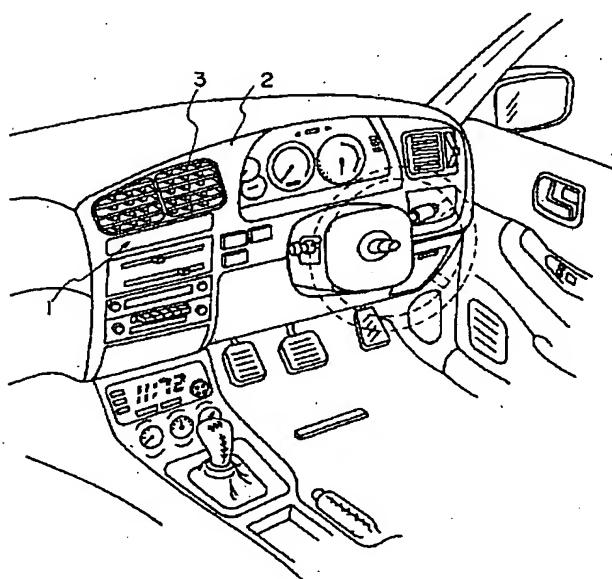
(2) 図10(1) B-B線に沿う断面図である。

【図11】従来のカップホルダ装置を示す断面図である。

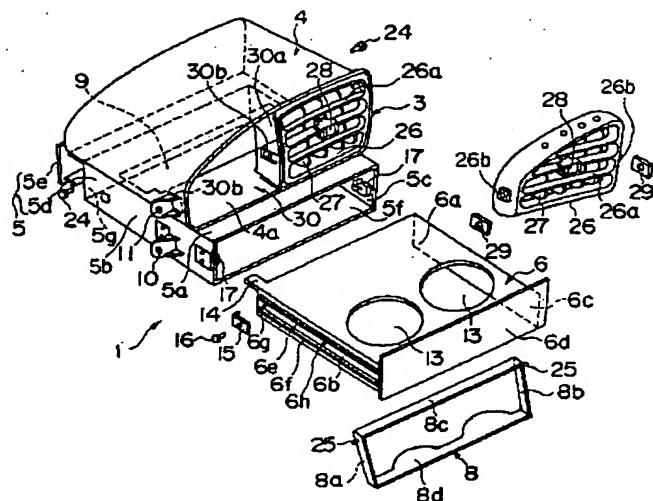
【符号の説明】

- 1 カップホルダ装置
- 3 センターレジスタ（送風口）
- 4 ベンチレータハウジング（送風通路）
- 5 収納ケース
- 5 f 開口部
- 6 ホルダプレート
- 9 連通口
- 13 容器収容孔
- 33 容器

【図1】

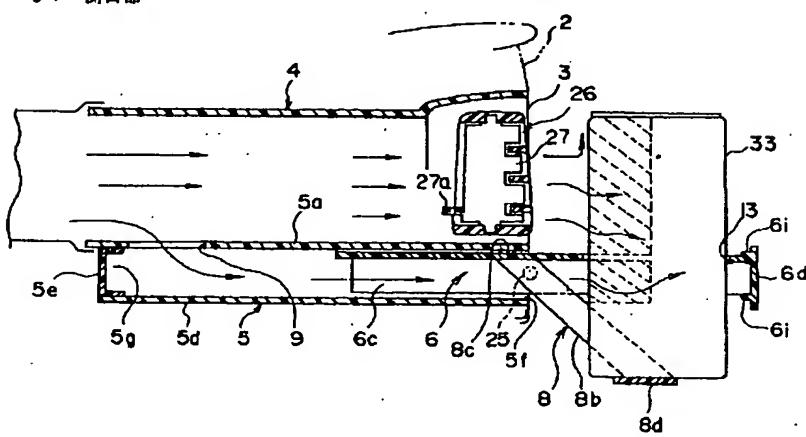


【図2】

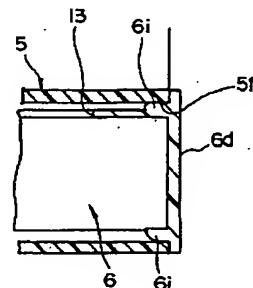


〔図3〕

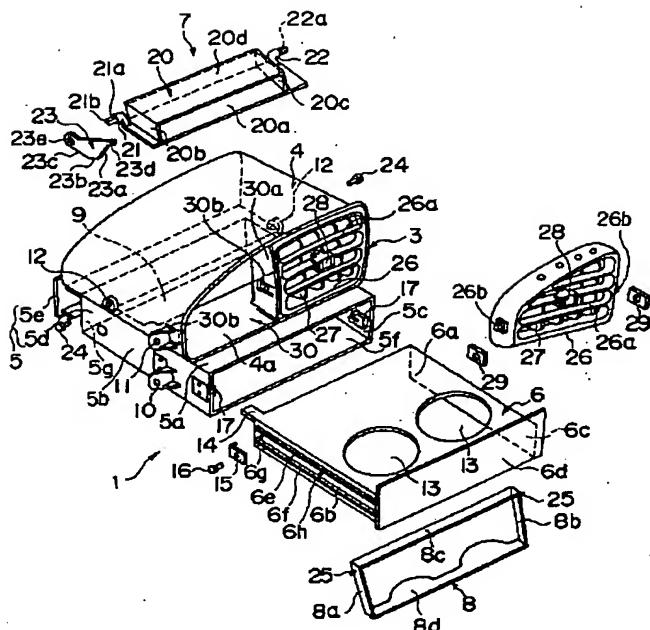
1	カップホルダ装置	6	ホルダプレート
3	センターレジスタ（送風口）	9	連通口
4	ベンチレータハウジング（送風通路）	13	容器取扱孔
5	収納ケース	33	容器
5 †	開口部		



〔図4〕

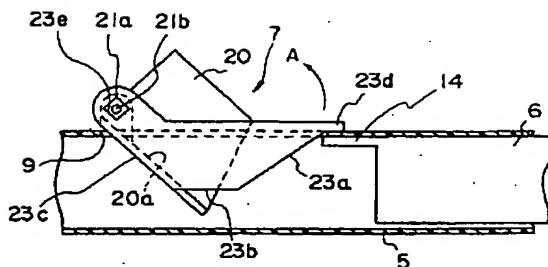


【図5】

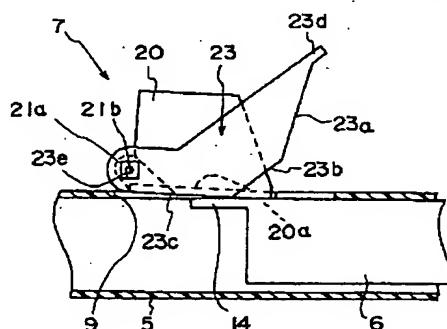


【图6】

【図7】

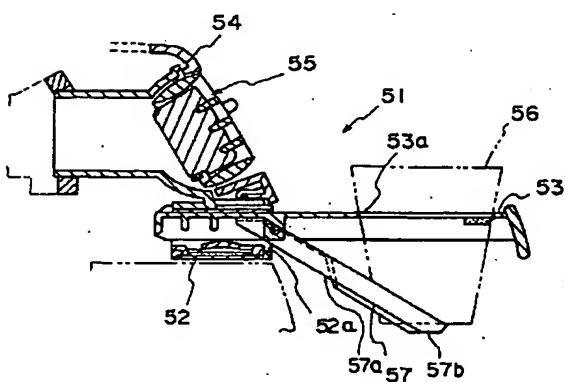


〔図8〕

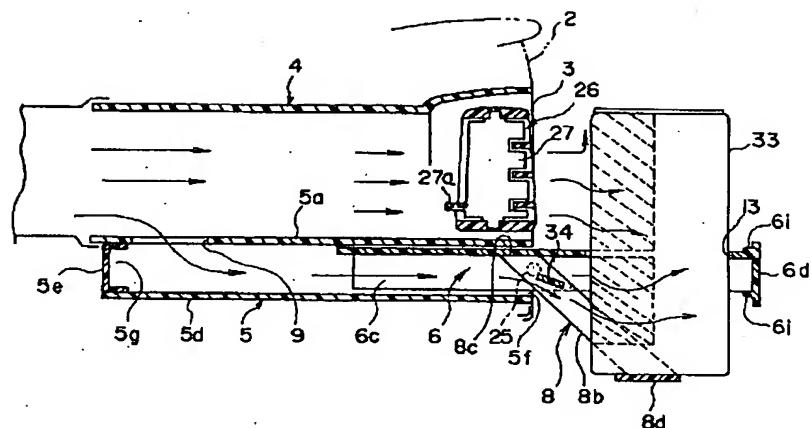


A cross-sectional diagram of a flow system. The main horizontal channel is labeled 4. A vertical channel labeled 27 is connected to the main channel. A vertical wall labeled 33 is on the right. Various components are labeled with numbers: 20, 7, 5a, 5e, 5g, 5d, 5, 9, 6c, 6, 8c, 25, 5f, 8b, 8, 26, 27, 3, 2, 13, 6d, and 8d. Arrows indicate the direction of flow through the system.

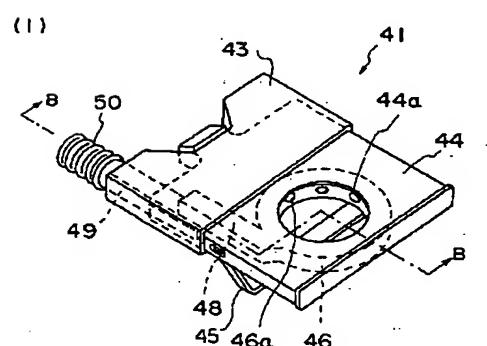
【図11】



【図9】



【図10】



(2)

